

FD-101 PTO-1390  
(REV. 11-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

KNI-152-A

U.S. APPLICATION NO. (If known, see 37 CFR 1.5

09/857382

INTERNATIONAL APPLICATION NO.

PCT/JP99/06675

INTERNATIONAL FILING DATE

30 November 1999

PRIORITY DATE CLAIMED

December 3, 1988,  
April 01, 1999

TITLE OF INVENTION

HYDROPHILIC MEMBER

APPLICANT(S) FOR DO/EO/US

H. Fujimoto, K. Takahashi, K. Takeda, K. Tanaka, E. Ogino, K. Mori, M. Hirata

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.
14. ☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☒ A substitute specification. (part of Preliminary Amendment)
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:  
International Search Report

U.S. APPLICATION NO. (if known) <b>09/857392</b>		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
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<p>21. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p><b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b></p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO. .... <b>\$1000.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$860.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$710.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$690.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b></p> <p style="text-align: center;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></p> <p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">CLAIMS*</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> <th style="width: 20%;">\$</th> </tr> <tr> <td>Total claims</td> <td>20 - 20 =</td> <td></td> <td>x \$18.00</td> <td>\$ 0</td> </tr> <tr> <td>Independent claims</td> <td>1 - 3 =</td> <td></td> <td>x \$80.00</td> <td>\$ 0</td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$270.00</td> </tr> <tr> <td colspan="4" style="text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td>\$ 990.00</td> </tr> </table> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. +</p> <p><b>* After entry of Preliminary Amendment SUBTOTAL =</b></p> <p>Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p> <p style="text-align: right;"><b>TOTAL NATIONAL FEE =</b></p> <p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +</p> <p style="text-align: right;"><b>TOTAL FEES ENCLOSED =</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"></td> <td style="width: 20%; text-align: center;">Amount to be refunded:</td> <td style="width: 20%; text-align: center;">\$</td> </tr> <tr> <td></td> <td style="text-align: center;">charged:</td> <td style="text-align: center;">\$</td> </tr> </table>				CLAIMS*	NUMBER FILED	NUMBER EXTRA	RATE	\$	Total claims	20 - 20 =		x \$18.00	\$ 0	Independent claims	1 - 3 =		x \$80.00	\$ 0	MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$270.00	<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 990.00		Amount to be refunded:	\$		charged:	\$	<p style="text-align: center;"><b>CALCULATIONS PTO USE ONLY</b></p>	
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b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0744. A duplicate copy of this sheet is enclosed.

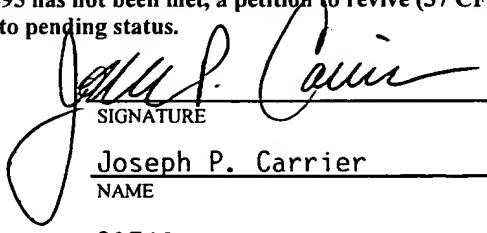
d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

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 24101 Novi Road, Suite 100  
 Novi, MI 48375  
 (248)344-4422  
 cba@home.msen.com  
 Customer No. 21828

  
 SIGNATURE  
 Joseph P. Carrier  
 NAME  
31748  
 REGISTRATION NUMBER

dated: 01 June 2001

U.S. APPLICATION NO. (if known, see 37 CFR 1.53) <b>09/857382</b>		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
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*GPC 6/1/01*

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INTELLECTUAL PROPERTY LAW OFFICES

**CARRIER, BLACKMAN & ASSOCIATES, P.C.**

JOSEPH P. CARRIER  
WILLIAM D. BLACKMAN\*  
ROBERT A. BONDRA

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**EXPRESS MAIL CERTIFICATE NO. EL699973496US**

Our Ref. KNI-152-A

Box Patent Application  
Assistant Commissioner For Patents  
Washington, D.C. 20231

01 June 2001

**FILING UNDER 35 U.S.C. 371**

Sir:

Enclosed please find an application for U.S. Letters Patent as identified below:

Inventors: Hidefumi FUJIMOTO, Kazuo TAKAHASHI,  
Koji TAKEDA, Keisuke TANAKA, Etsuo  
OGINO, Kenji MORI, and Masahiro HIRATA

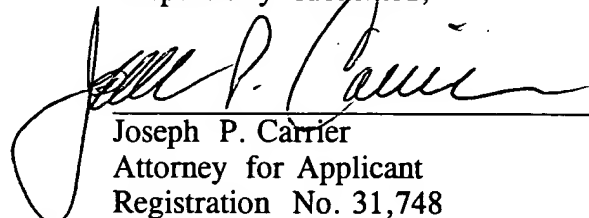
Invention: HYDROPHILIC MEMBER

This application is a National Phase of International Application PCT/JP99/06675 filed 30 November 1999, which claims priority from Japanese Patent Applications 10-343688 filed 03 December 1998 and 11-95014 filed 01 April 1999, and including: Specification, Claims and Abstract; Preliminary Amendment-A (including substitute specification); Application Data Sheet; Transmittal Letter To The U.S. Designated/Elected Office Concerning A Filing Under 35 U.S.C.371; European Search Report; PCT Application; Information Disclosure Statement; and Drawings - 1 sheet, formal.

Basic Fee	\$860.00
Surcharge for late filing of Declaration	\$130.00
Independent claims over 3 x \$78.00	0.00
<b>TOTAL FILING FEE:</b>	<b>\$990.00</b>

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Respectfully submitted,

  
Joseph P. Carrier  
Attorney for Applicant  
Registration No. 31,748  
(248) 344-4422

Customer Number 21828  
Carrier, Blackman & Associates, P.C.  
24101 Novi Road, Suite 100  
Novi, Michigan 48375  
01 June 2001

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail Certificate EL699973496US in an envelope addressed to Box Patent Application, Assistant Commissioner For Patents, Washington, D.C. 20231 on 01 June 2001.

Dated: 01 June 2001  
JPC/dp  
enclosures

  
Danielle Patterson

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**CARRIER, BLACKMAN & ASSOCIATES, P.C.**

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JOSEPH P. CARRIER

LIAM D. BLACKMAN\*

JC18 REC'D PCT/PTO 01 JUN 2001

\* Registered to practice before the  
U.S. Patent And Trademark Office

**EXPRESS MAIL CERTIFICATE NO. EL699973496US**

Our Ref. KNI-152-A

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